

**SECRET**

DPD-7528-59

2 November 1959

MEMORANDUM FOR: Acting Chief, DPD-DD/P

SUBJECT : Malfunction Report, Period Ending 31 October 1959

1. The following malfunction information is presented for the period ending 31 October 1959:

I. Photographic Equipment

- A. During the period 1 October 1959 through 31 October, there were a total of twenty-one (21) missions reported flown using photographic equipment. Equipments malfunctioned on two (2) of these missions giving an overall effectiveness of 90.05%.
- B. Equipment reliability for the above referenced period was:

	<u>A-1</u> <u>Conf.</u>	<u>A-2</u> <u>Conf.</u>	<u>B</u> <u>Conf.</u>	<u>Trackers</u>
Missions Flown	0	3	5	21
Malfunctions	0	0	0	2
Per Cent Eff.	0	100%	100%	90.05%

C. Tracker Malfunctions:

One tracker malfunction

- (1) (Mission BT-59-211) was due to filter assembly improperly blocking slit. This without a doubt was due to improper pre-flight and must be considered as personnel error.
- (2) No reason has been given for tracker malfunction on Mission BT-59-214. Tracker post flighted o.k., ran for one hour in the special equipments shop without malfunctioning.

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Malfunction Report, Period Ending 31 October 1959, (Continued)

II. Communications

A. Detachment "B"

(1) System III

- (a) Mission 315, 6 October - Lost D.C. Power about two-thirds of the way through the mission. Cause undetermined.
- (b) Mission 1525, 9 October - Planar triode tube in HRB preamp failed, reducing the System III sensitivity.
- (c) Mission 8649, 30 October - The O5 Board of the third local oscillator, Receiver (A), failed at the start of the mission. Cause unknown.
- (d) Mission 8649, 30 October - Recorder 780 failed after  $6\frac{1}{2}$  hours. Cause unknown. Operated properly on post flight check.

(2) System VII

- (a) Mission 4139, 4 October - Intermittent in 10db attenuator pad. Replaced.

B. Detachment "C"

No report received from this detachment.

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Chief, Materiel Branch  
DPD-DD/P

MB/DPD-DD/   
Dist: ~~10~~ - A/CH/DPD  
1 - DD/P  
1 - CH/OPS/DPD  
1 - CH/MAT/DPD  
1 - RI/DPD

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